

ABSTRACT OF THE INVENTION

A novel human cDNA, termed PRSS11-L, was isolated
5 which encodes a polypeptide that belongs to the S2/HtrA
serine protease family. The PRSS11-L mRNA is widely
expressed in several tissues throughout the body by
multi-tissue Northern blotting. The full-length PRSS11-L
cDNA, was cloned, expressed and purified. Proteolytic
10 activity was demonstrated using the protein substrate
casein. The isolated nucleic acid or polypeptide
molecule of the invention can be used in detection
assays, gene therapy, and screening assays.